CLAIMS

1. A carbazole derivative represented by a general formula (1),

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wherein R¹ is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 25 carbon atoms, a heteroaryl group having 5 to 9, an arylalkyl group, and an acyl group having 1 to 7 carbon atoms;

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wherein R² is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, and a substituent represented by a general formula (2),

$$Ar^{4} \qquad Ar^{6} \qquad (2)$$

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wherein each of Ar¹ to Ar⁶ is one selected from the group consisting of an aryl group having 6 to 25 carbon atoms and a heteroaryl group having 5 to 9 carbon atoms; and

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wherein each of X and Y is one selected from the group consisting of a bivalent aromatic hydrocarbon group having 6 to 25 carbon atoms and a bivalent heterocyclic group having 5 to 10 carbon atoms.

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2. The carbazole derivative according to claim 1, wherein R^1 is one selected from the group consisting of a methyl group, an

ethyl group, a tert-butyl group, and a phenyl group.

- 3. The carbazole derivative according to claim 1, wherein R² is hydrogen or a tert-butyl group.
- 4. The carbazole derivative according to claim 1,
 wherein R² has a structure of the general formula (2); and
 wherein Ar¹ and Ar⁴, Ar² and Ar⁵, Ar³ and Ar⁶, and X and Y have identical structures, respectively.
 - 5. A carbazole derivative represented by a general formula (3),

$$R^{2}$$

$$Ar^{1}$$

$$Ar^{1}$$

$$Ar^{1}$$

$$Ar^{2}$$

$$Ar^{2}$$

$$Ar^{3}$$

wherein R¹ is one selected from the group consisting of hydrogem, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 25 carbon atoms, a heteroaryl group having 5 to 9 carbon atoms, an arylalkyl group, and an acyl group having 1 to 7 carbon atoms;

wherein R² is one selected from the group consisting of hydrogers, an alkyl group having 1 to 6 carbon atoms, and a substituent represented by a general formula (4),

$$Ar^2$$
 (4)

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wherein each of Ar¹ and Ar² is one selected from the group consisting of an aryl group having 6 to 25 carbon atoms and a heteroaryl group having 5 to 9 carbon atoms.

6. The carbazole derivative according to claim 5, wherein R¹ is one selected from the group consisting of a methyl group, an ethyl group, a tert-butyl group, and a phenyl group.

7. The carbazole derivative according to claim 5, wherein \mathbb{R}^2 is hydrogen or a tert-butyl group.

8. The carbazole derivative according to claim 5, wherein R² has a structure of the general formula (4); and wherein Ar¹ and Ar² have an identical structure.

9. A carbazole derivative represented by a general formula (5),

wherein R¹ is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 25 carbon atoms, a heteroaryl group having 5 to 9 carbon atoms, an arylalkyl group, and an acyl group having 1 to 7 carbon atoms; and

wherein R² is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, and a substituent represented by a general formula (6),

$$(6)$$

10. The carbazole derivative according to claim 9,

wherein R¹ is one selected from the group consisting of a methyl group, an ethyl group, a tert-butyl group, and a phenyl group.

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- 11. The carbazole derivative according to claim 9, wherein R² is hydrogen or a tert-butyl group.
- 12. The carbazole derivative according to claim 9, wherein R² has a structure of the general formula (6).
 - 13. A carbazole derivative represented by a general formula (103),

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$$R^{2}$$

$$(103)$$

wherein R¹ is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 25 carbon atoms, a heteroaryl group having 5 to 9 carbon atoms, an arylalkyl group, and an acyl group having 1 to 7 carbon atoms; and

wherein \mathbb{R}^2 is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, and a substituent represented by a general formula (104),

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14. The carbazole derivative according to claim 13,

wherein R¹ is one selected from the group consisting of a methyl group, an ethyl group, a tert-butyl group, and a phenyl group.

15. The carbazole derivative according to claim 13, wherein R² is hydrogen or a tert-butyl group.

16. The carbazole derivative according to claim 13, wherein R² has a structure of the general formula (104).

17. A light emitting element comprising a layer containing a light emitting material interposed between a pair of electrodes,

wherein the layer containing the light emitting material comprises a carbazole derivative represented by a general formula (1),

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wherein R¹ is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 25 carbon atoms, a heteroaryl group having 5 to 9 carbon atoms, an arylalkl group, and an acyl group having 1 to 7 carbon atoms;

wherein R² is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms and a substituent represented by a general formula (2);

wherein each of Ar¹ to Ar⁶ are one selected from the group consisting of an aryl group having 6 to 25 carbon atoms and a heteroaryl group having 5 to 9 carbon atoms; and

wherein each of X and Y are one selected from the group consisting of a bivalent aromatic hydrocarbon group having 6 to 25 and a bivalent heterocyclic group having 5 to 10 carbon atoms,

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18. The light emitting element accordin g to claim 17,

wherein R¹ is one selected from the group consisting of a methyl group, an ethyl group, a tert-butyl group, and a phenyl group.

- 19. The light emitting element according to claim 17, wherein R² is hydrogen or a tert-butyl group.
- 20. The light emitting element according to claim 17,
 wherein R² has an identical structure of the general formula (2); and
 wherein Ar¹ and Ar⁴, Ar² and Ar⁵, Ar⁻³ and Ar⁶, and X and Y have identical
 structures, respectively.
- 21. A light emitting element comprising a layer containing a light emitting material interposed between a pair of electrodes,

wherein the layer containing the light emitting material comprises a carbazole derivative represented by a general formula (3),

$$R^1$$

$$N$$

$$Ar^1$$
(3)

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wherein R¹ is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 25 carbon atoms, a heteroaryl group having 5 to 9 carbon atoms, an arylalkyl group, and an acyl group having 1 to 7 carbon atoms;

wherein R² is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, and a substituent represented by a general formula (4),

$$Ar^2$$
 (4)

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wherein each of Ar¹ and Ar² is one selected from the group consisting of an aryl group having 6 to 25 carbon atoms and a heteroaryl group having 5 to 9 carbon atoms.

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22. The light emitting element according to claim 21, wherein R¹ is one selected from the group consisting of a methyl group, an ethyl group, a tert-butyl group, and a phenyl group.

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23. The light emitting element according to claim 21, wherein \mathbb{R}^2 is hydrogen or a tert-butyl group.

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24. The light emitting element according to 21, wherein R^2 has a structure of the general formula (4); and wherein Ar^1 and Ar^2 have an identical structure.

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25. A light emitting element comprising a layer containing a light emitting

material interposed between a pair of electrodes,

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wherein the layer containing the light emitting material comprises a carbazole derivative represented by a general formula (5),

wherein R¹ is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 25 carbon atoms, a heteroaryl group having 5 to 9 carbon atoms, an arylalkyl group, and an acyl group having 1 to 6 carbon atoms; and

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wherein R² is one selected from the group consisting of hydrogen, an alkyl group having 1 to 6 carbon atoms, and a substituent represented by a general formula (6),

26. The light emitting element according to claim 25,

wherein R¹ is one selected from the group of consisting a methyl group, an ethyl group, a tert-butyl group, and a phenyl group.

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27. The light emitting element according to claim 25, wherein \mathbb{R}^2 is hydrogen or a tert-butyl group.

28. The light emitting element according to claim 25, wherein R² has a structure of a general formula (6).

29. A light emitting element comprising a layer containing a light emitting material interposed between a pair of electrodes,

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wherein the layer containing the light emitting material comprises a carbazole derivative represented by a general formula (103),

$$R^{1}$$

$$(103)$$

$$R^{2}$$

wherein R¹ is one selected from the group containing of hydrogen, an alkyl group having 1 to 6 carbon atoms, an aryl group having 6 to 25 carbon atoms, a heteroaryl group having 5 to 9 carbon atoms, an arylalkyl group, and an acyl group having 1 to 7 carbon atoms; and

wherein R² is one selected from the group containing of hydrogen, an alkyl group having 1 to 6 carbon atoms, and a substituent represented by a structural formula (104),

30. The light emitting material according to claim 29,

wherein R¹ is one selected from the group consisting of a methyl group, an ethyl group, a tert-buthyl group, and a phenyl group.

- 31. The light emitting element according to claim 29, wherein R² is hydrogen or a tert-buthyl group.
- 32. The light emitting element according to claim 29, wherein R² has a structure of the structural formula (104).
 - 33. The light emitting element according to claim 17,

wherein the layer containing a light emitting material comprises a layer containing the carbazole derivative;

wherein one of the pair of electrodes is an anode; and

wherein the anode is in contact with the layer containing the carbazole derivative.

- 20 34. A light emitting device comprising the light emitting element according to claim 17.
 - 35. The light emitting element according to claim 21,

wherein the layer containing a light emitting material comprises a layer containing the carbazole derivative;

wherein one of the pair of electrodes is an anode; and

wherein the anode is in contact with the layer containing the carbazole derivative.

- 36. A light emitting device comprising the light emitting element according to claim 21.
 - 37. The light emitting element according to claim 25,

wherein the layer containing a light emitting material comprises a layer containing the carbazole derivative;

wherein one of the pair of electrodes is an anode; and

wherein the anode is in contact with the layer containing the carbazole derivative.

- 38. A light emitting device comprising the light emitting element according to claim 25.
 - 39. The light emitting element according to claim 29,

wherein the layer containing a light emitting material comprises a layer containing the carbazole derivative;

wherein one of the pair of electrodes is an anode; and

wherein the anode is in contact with the layer containing the carbazole derivative.

- 40. A light emitting device comprising the light emitting element according to claim 29.
 - 41. A electronic apparatus including the light emitting element according to claim 17,
- 30 wherein the electronic apparatus is one selected from the group consisting of a

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camera, a goggle type display, a navigation system, a sound reproduction device, a personal computer, a game machine, a portable information terminal, and an image reproduction device equipped with a recording medium.

42. A electronic apparatus including the light emitting element according to claim 21,

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wherein the electronic apparatus is one selected from the group consisting of a camera, a goggle type display, a navigation system, a sound reproduction device, a personal computer, a game machine, a portable information terminal, and an image reproduction device equipped with a recording medium.

43. A electronic apparatus including the light emitting element according to claim 25,

wherein the electronic apparatus is one selected from the group consisting of a camera, a goggle type display, a navigation system, a sound reproduction device, a personal computer, a game machine, a portable information terminal, and an image reproduction device equipped with a recording medium.

44. A electronic apparatus including the light emitting element according to claim 29,

wherein the electronic apparatus is one selected from the group consisting of a camera, a goggle type display, a navigation system, a sound reproduction device, a personal computer, a game machine, a portable information terminal, and an image reproduction device equipped with a recording medium.